

# Robotic Spacecraft

**Task 1:** Label the spacecraft below with the human equivalents listed.

*Skeleton*  
*Legs (for movement)*  
*Food and Drink*  
*Eyes*  
*Arm*  
*Ears and Mouth*  
*Brain*

**Task 2:** Some spacecraft have blue wings or covering (look at Mars Pathfinder and the hanging Magellan). What are these and what are they used for?

**Task 3:** Voyager and Galileo have traveled beyond Mars to the outer planets. Why do they use nuclear based batteries instead of solar cells?

**Task 4:** Examine the Mars Pathfinder model on display. What equipment do you think was placed on the Mars Pathfinder to measure weather on Mars?

**Task 5:** List four spacecraft that are on the schedule board, how far they are from Earth are they and where they are traveling to.

Spacecraft	Distance from Earth	Travelling to...
	million km	
	million km	
	million km	
	million km	

**Task 6:** Look at the mission patches of the robotic spacecraft. Sketch a patch design for the Pluto Express mission. What would you include on it?

